Abstract of the Disclosure

A method for controlling an overload of a digital mobile communication system. The digital mobile communication system has a base transceiver station and a base station controller each of which has a database. The method for controlling the overload includes the steps of: a) initializing threshold values stored on the database as a predetermined value; b) monitoring each of utility rates of a control processor resource and a call resource; c) comparing the utility rates of the control processor resource and the call resource with the threshold values respectively, thereby obtaining overload grades of the control processor resource and the call resource; d) comparing the overload grade of the control processor resource with the overload grade of the call resource, thereby selecting one of the control processor resource and the call resource as a resource to be controlled, which has a higher overload grade; e) determining whether an overload occurs in the resource to be controlled; and f) if the overload occurs in the resource to be controlled, informing a base station manager of an occurrence in the resource to be controlled.